

10/578912

Attorney's Docket No. 1034232-000038

AP20 Rec'd PCT/PTO 09 MAY 2006

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of )  
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Keiichirou KAI et al. ) Group Art Unit:  
 )  
Application No.: ) Examiner:  
 )  
Filed: May 9, 2006 ) Confirmation No.:  
 )  
For: PROCESS FOR PRODUCING )  
PENTOSE-5-PHOSPHATE ESTER )

FIRST INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In accordance with the duty of disclosure as set forth in 37 C.F.R. § 1.56, the accompanying information is being submitted in accordance with 37 C.F.R. §§ 1.97 and 1.98. Pursuant to 37 C.F.R. § 1.98, a copy of each of the documents cited is enclosed.

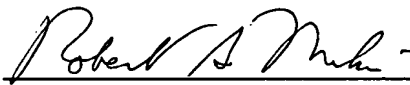
To assist the Examiner, the documents are listed on the attached form PTO-1449. It is respectfully requested that an Examiner initialed copy of this form be returned to the undersigned.

Respectfully submitted,

BUCHANAN INGERSOLL PC

Date May 9, 2006

By:

  
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<b>FIRST INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  <small>(use as many sheets as necessary)</small>				<b>Complete if Known</b>	
				Application Number	
				Filing Date	
				First Named Inventor	
				Keiichirou Kai et al.	
Examiner Name					
Sheet	1	of	1	Attorney Docket Number	
				1034232-000038	

U.S. PATENT DOCUMENTS				
Examiner Initials	Document Number	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Issue/Publication Date (MM-DD-YYYY)

FOREIGN PATENT DOCUMENTS											
Examiner Initials	Document Number	Kind Code (if known)	Country	Date of Publication (MM-DD-YYYY)	STATUS						
					Translation	Partial Translation	Eng. Lang. Summary	Search Report	IPER	Abstract	Cited in Spec
	9-37785*	A	JP	02-10-1997				X		X*	
	64-27484*	A	JP	01-30-1989						X*	X
	01/14566*	A1	WO	03-01-2001							X

NON-PATENT LITERATURE DOCUMENTS	
Examiner Initials	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.
	SCHIMMEL et al., "Deoxyribokinase from <i>Salmonella typhimurium</i> ," <i>Archives of Biochemistry and Biophysics</i> , 1974, p 560, Vol. 164*
	MIHARA et al., "Acid Phosphatase/Phosphotransferases from Enteric Bacteria," <i>Journal of Bioscience and Bioengineering</i> , 2001, pp 50-54, Vol. 92, No. 1*
	BURKART, "Metabolic engineering--a genetic toolbox for small molecule organic synthesis," <i>Org. Biomol. Chem.</i> , 2003, pp 104, Vol. 1, The Royal Society of Chemistry*

\*Copy attached.

Examiner Signature		Date Considered	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with M.P.E.P. § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.